

[ Java  $\rightarrow$  DSA  $\rightarrow$  SO ]

issue:

[  $\rightarrow$  C, C++, java jump  
 $\rightarrow$  computer fundamental ]

$\rightarrow$  keyword [programming]

$\rightarrow$  JAVA  $\rightarrow$  Assignment (<1hr)

GOAL [ DSA [Ans]  $\rightarrow$  [1, 20] ]  
 SO  $\rightarrow$  ✓

[  $\rightarrow$  Assignment ✓  
 $\rightarrow$  Revision ✓  
 $\rightarrow$  40%  $\rightarrow$  60% ] Speed

java to 1 month  $\rightarrow$  do it + revise + code!

$\Downarrow$   
 Sense.

Issue:

$\rightarrow$  9  $\rightarrow$  Pulchra  $\rightarrow$  x.

$\rightarrow$  record  $\rightarrow$  50%  $\rightarrow$  telegram.  $\rightarrow$  x

$\Downarrow$   
 [ 5:30  $\rightarrow$  7:00 ]  $\rightarrow$  [ 1:30 hr ]

3. code

✓

✓  
syntax

4. ~~source~~ code

✓

Integrating code development env.

5. Compiler Vs Interpreter

6. OS , hardware

7. runtime environment

8. variable

9. class

10. function

11. executable code.

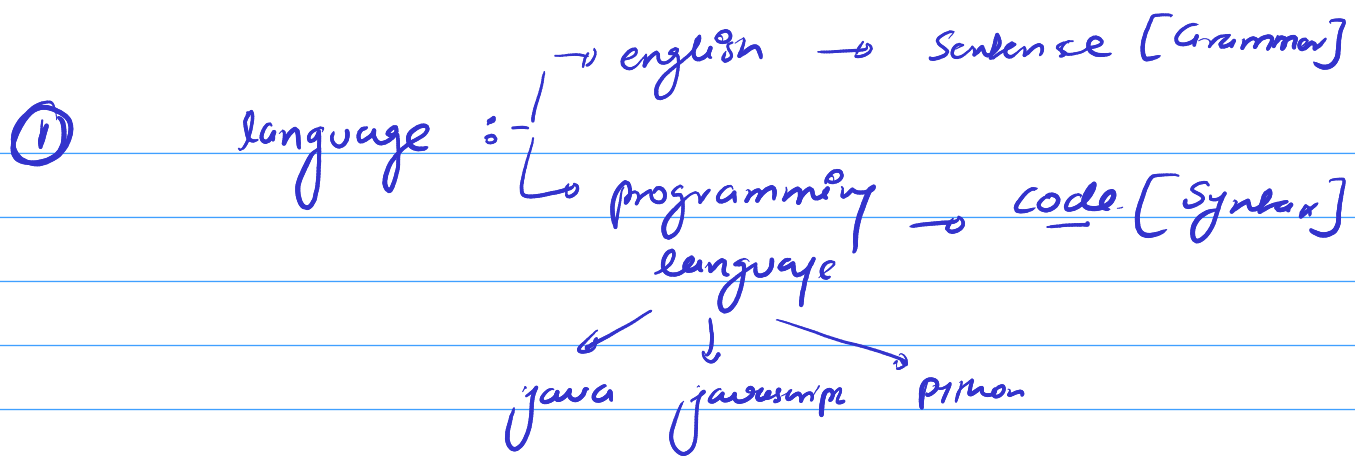
12. platform

13. software

14. library

15. ~~of~~ linker

16. machine code



java: [Syntax]

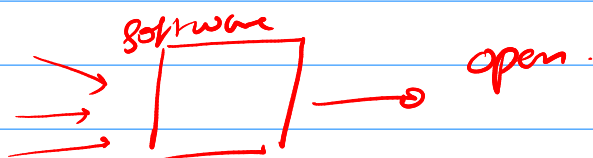
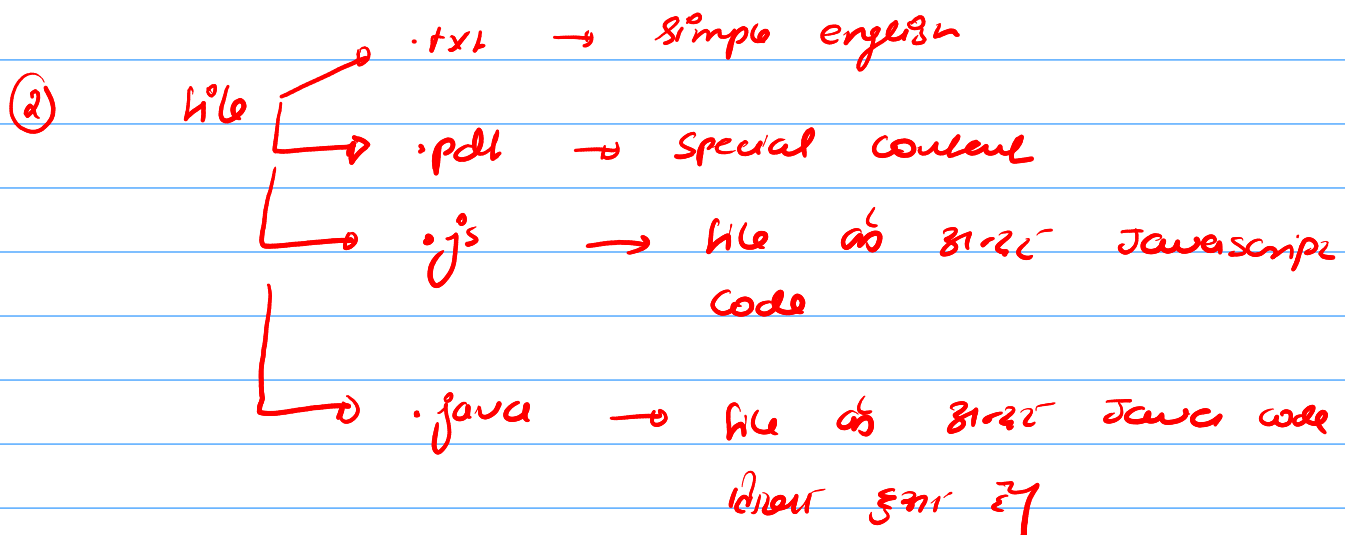
int a = 10; ✓

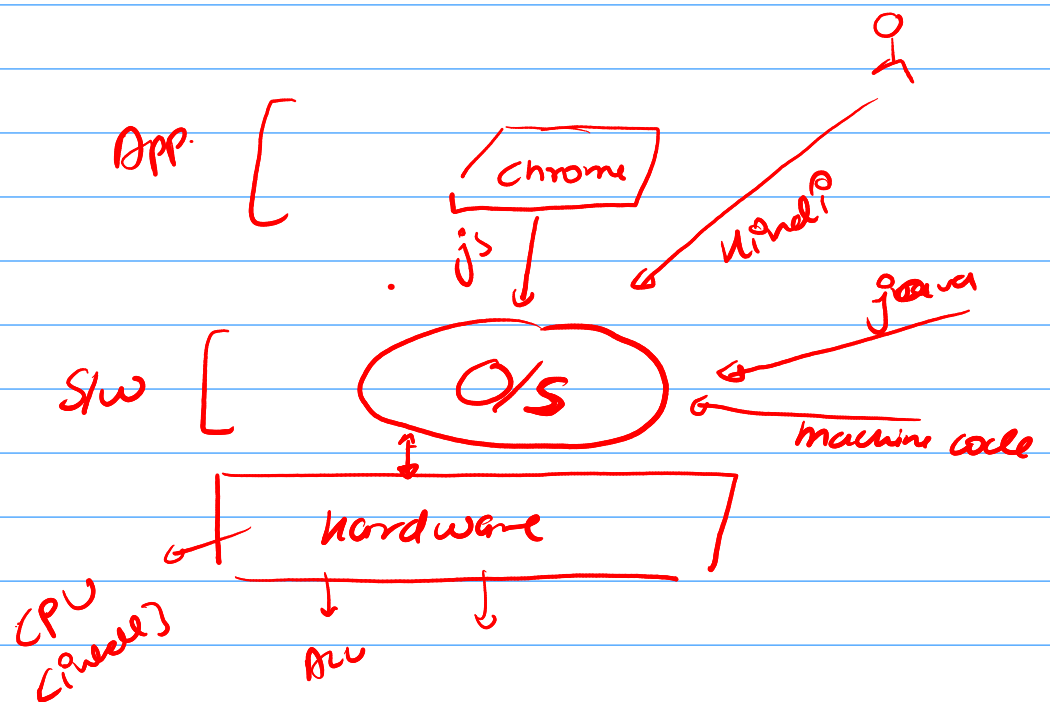
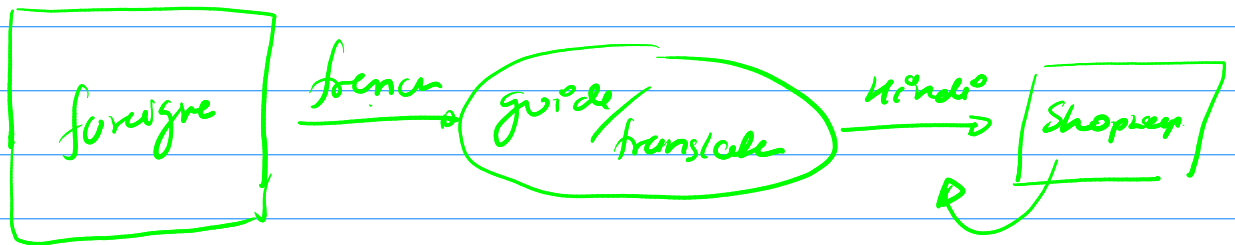
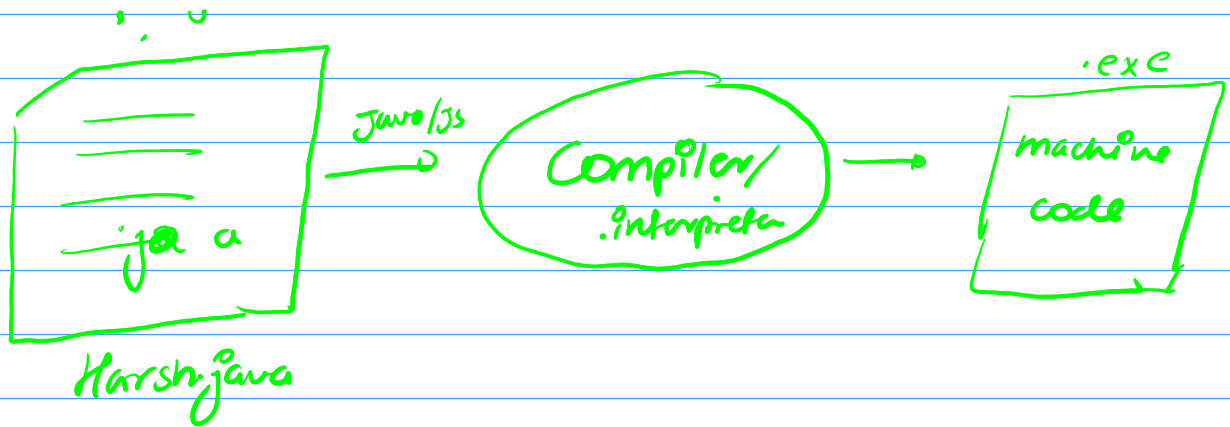
var a = 10; X error

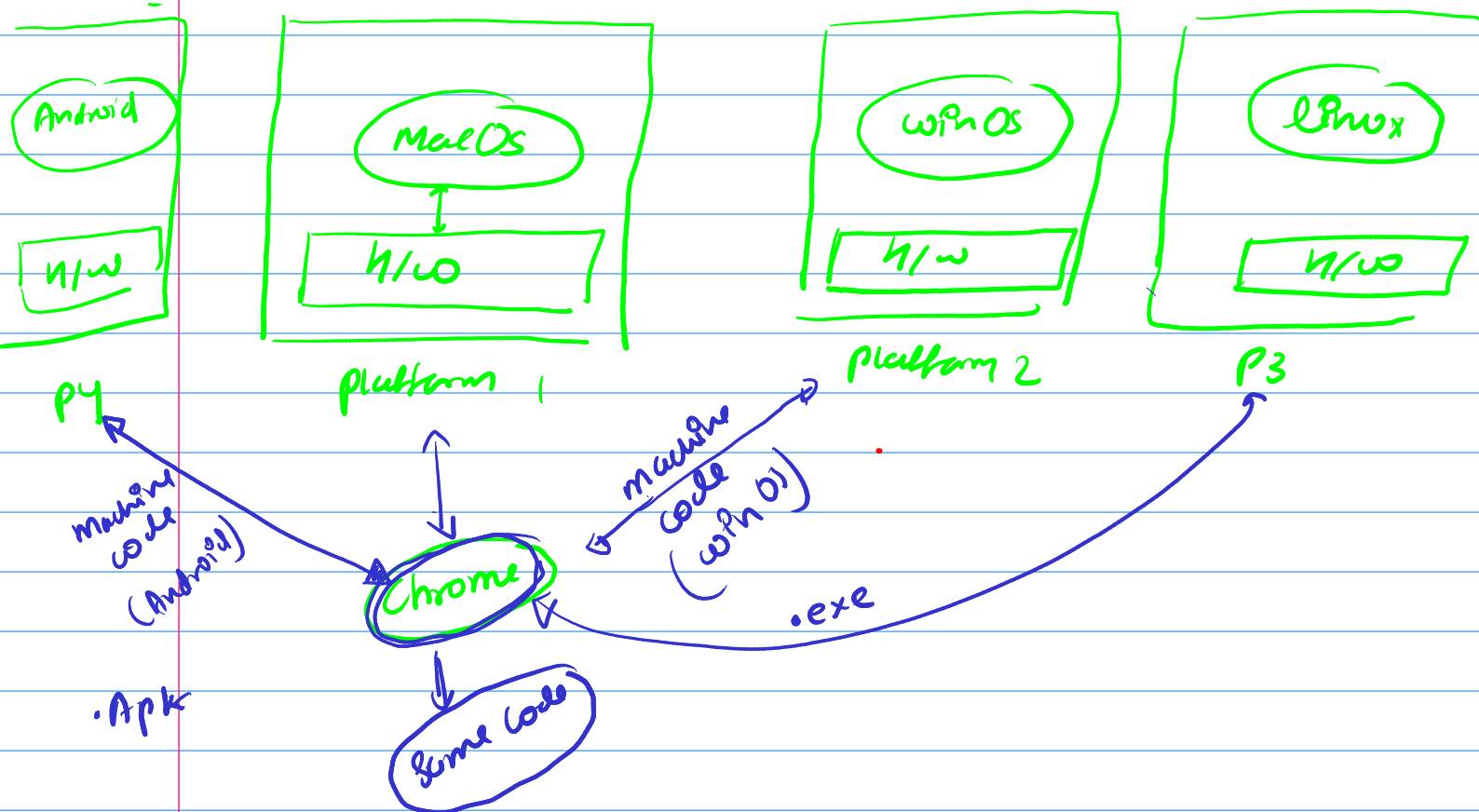
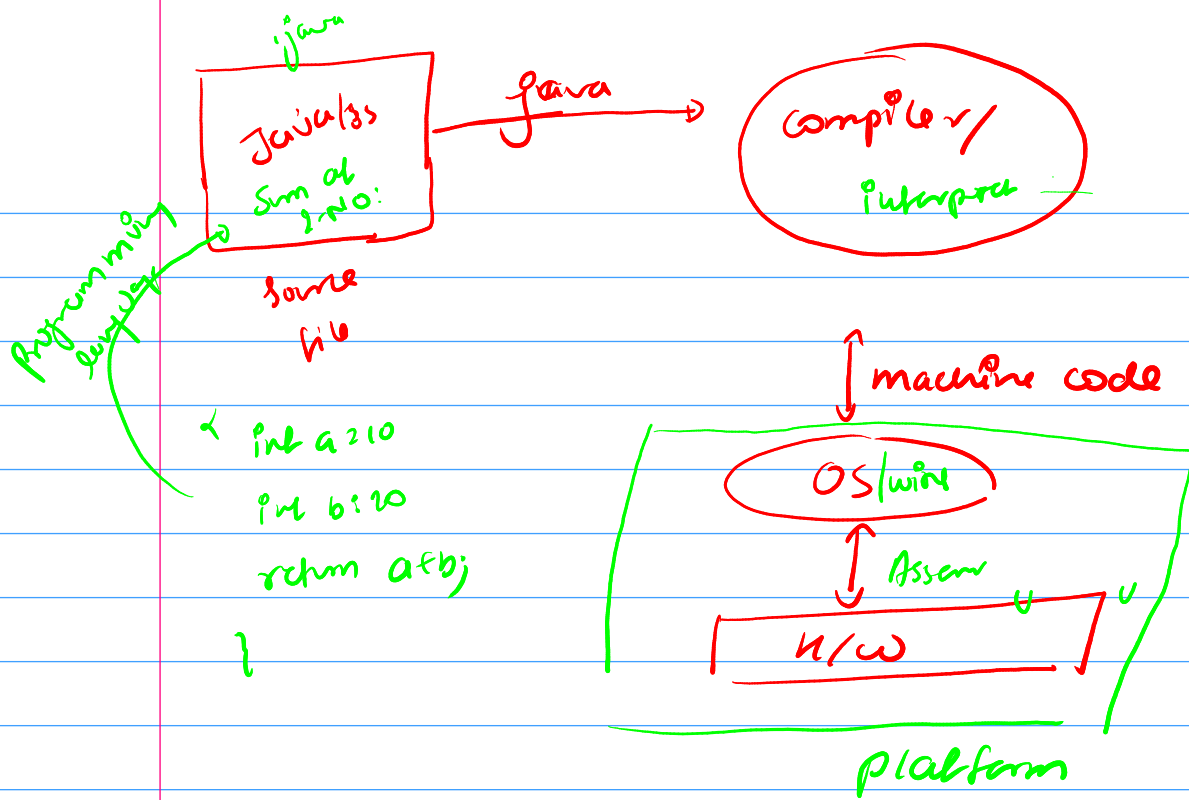
Javascript

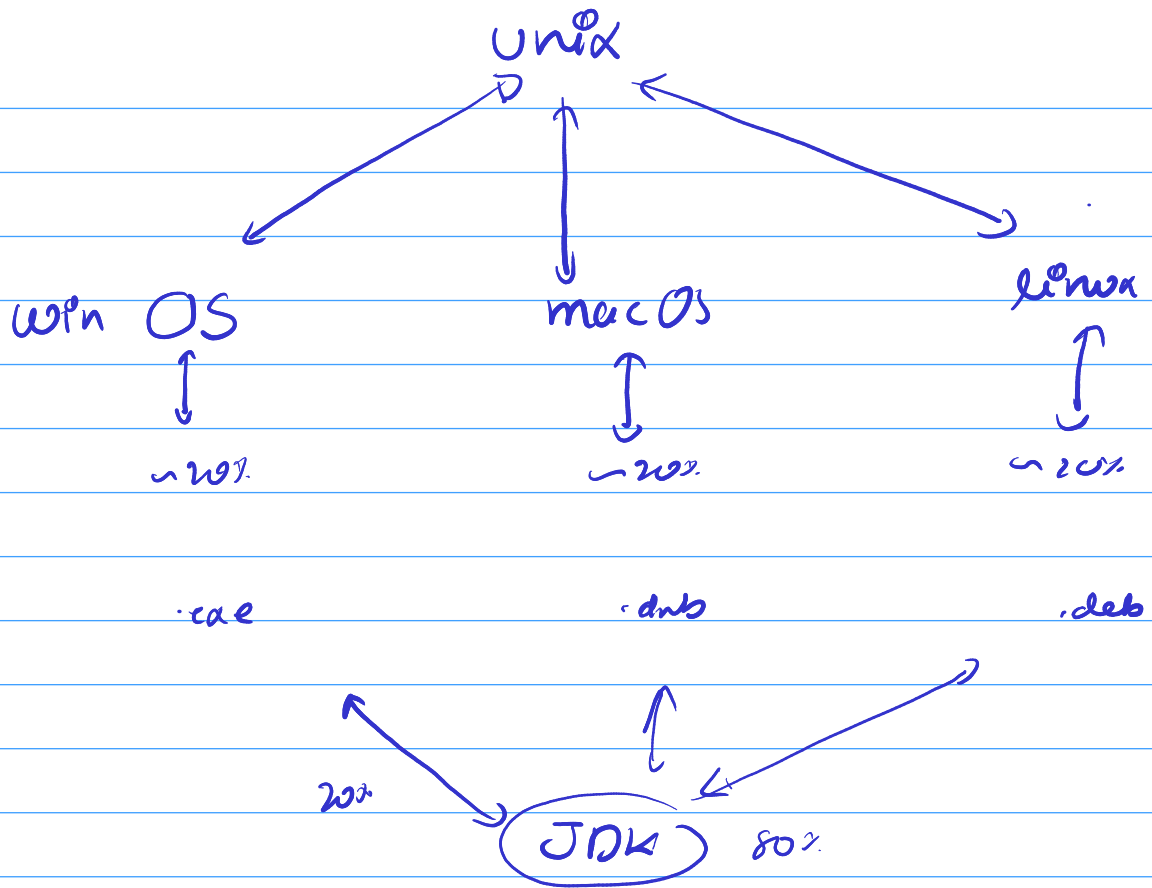
X error

✓







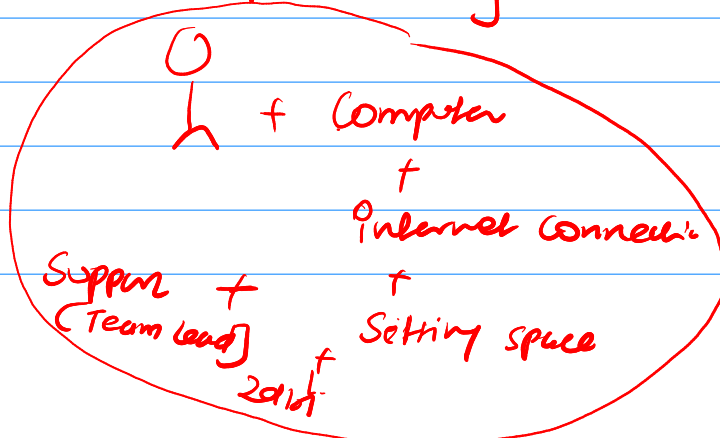


# IDE!

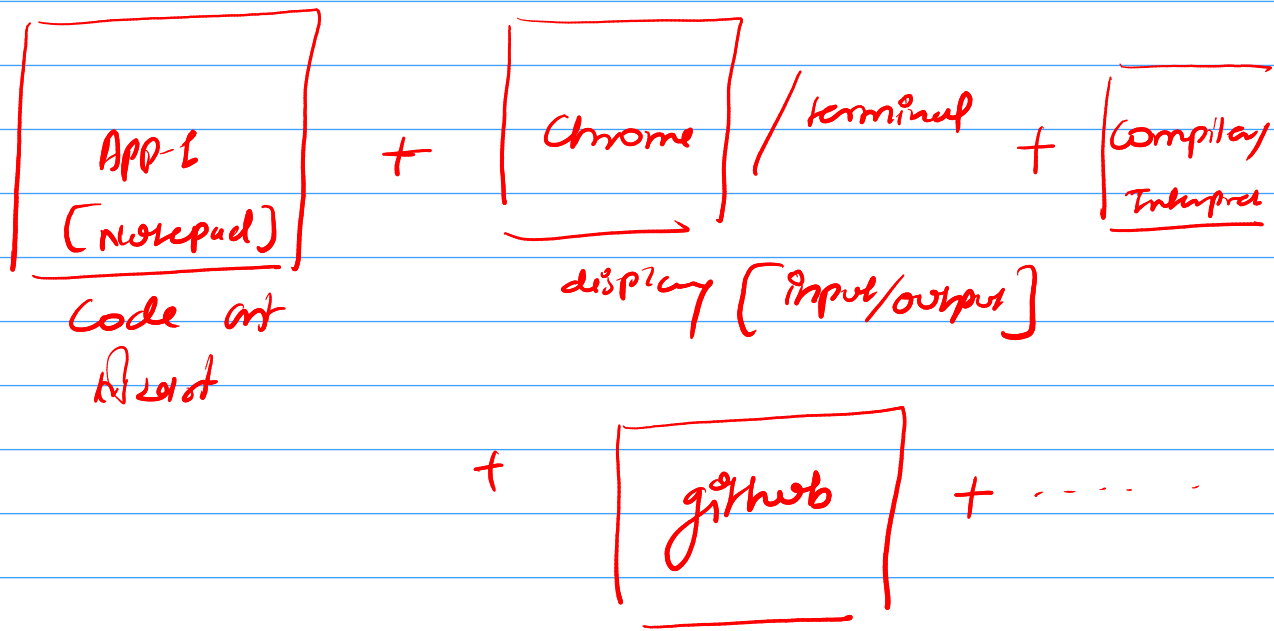
[ Integrated Development Env ]

Developer

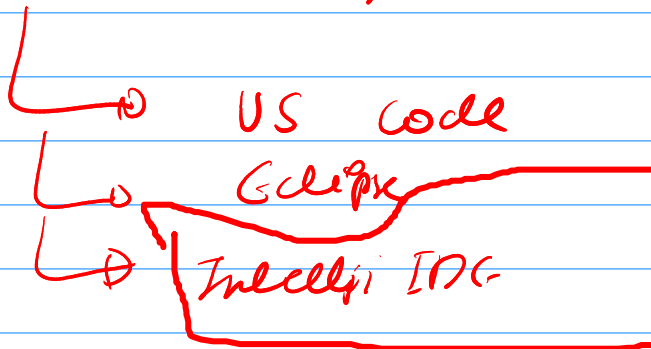
] Software develop



## Software Development Environment



## IDE → Integrated Development Environment



## Assignments

1. Java is platform independent? In this statement what does platform stand for?
2. Can any software directly communicate with computer hardware (or) it require an intermediary like OS?
3. Can we install software on our computer without installing OS.  
↓  
why not?